



			Appli	cation Number	09/424	,627			1
TRAN	ISMITTAL		Filing	Date	11/24/1	999			
[3) F	ORM	٠	First	Named Inventor	Tsuyos	hi MAEDA			
ਰ: ;/(to be used for all cor	respondence after i	nitial filing)	Group	Art Unit	2871				
7			Exam	iner Name	James	A. Dudek			\sqcap
Total Number of Pages	s in This Submission	1	Attorr	ney Docket Number	9319S-	000109			フ
		ENCLO	SURES	S (check all that apply)					
Fee Transmittal F	om	Assignr (for an A	nent Pa <i>Applicatio</i>		Afte Gro	r Allowance Co up	ommunica	tion to	
Fee Attached		☐ Drawing	g(s)		App	eal Communicated eals and Interference	erences		
Amendment / Res	ponse	Licensi	ng-relat	ed Papers		eal Communica eal Notice, Brief,			
After Final		Petition			Pro	orietary Informa	ation		
Affidavits/decl	aration(s)			vert to a plication	☐ Stat	us Letter			
Extension of Time	Request			ney, Revocation respondence Address		er Enclosure(s			
Express Abandon	ment Request	☐ Termina	al Discla						ŗ
☐ Information Disclosure Statement		CD, Nu	mber of	CD(s)					
Certified Copy of I Document(s)	Priority	Remai	¹ks	The Commissioner additional fees that to Deposit Account sheet is enclosed.	may be re	quired under 3	37 CFR 1.	16 or 1.	.17
Response to Miss Incomplete Applic				」			TECHN		
Response to to Parts under 3 1.52 or 1.53							ECHNOLOGY	JUL 3	
	SIGNA	TURE OF	PPLIC	ANT, ATTORNEY, C	R AGEN	Т	CE	0	45
Firm or Individual name Harness, Dickey & Pie		Pierce, P.L.C	. G	torney Name . Gregory Schivley ryant E. Wade 7		Reg. No. 27,382 40,344	TER 2800	.003	E
Signature	Jan 4	15 h	lo	k					
Date	July <u>21</u> , 2	003							
	C	ERTIFICAT	E OF I	MAILING/TRANSMIS	SION				<u>5</u>
I hereby certify that th addressed to: Direct transmitted to the U.S	or of the U.S. Pat	ent and Trac	lemark	h the United States Pos Office, P.O. Box 1450 te indicated below.	tal Service , Alexandri	as first class m a, VA 22313-	ail in an e 1450, or	nvelope facsimile	θ
Typed or printed name	e G. Gregory S	chivley	Bryar	t E. Wade					\Box
Signature	State	45,	/h	le	Date	July 2(_, 2003		丁

PTO/SB/17 (01-03)

App or use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trade of ffice: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1993, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

4	OLDER TO ANOMITTAL		Complete if Known
l	TREE TRANSMITTAL	Application Number	09/924,627
	∰for FY 2003	Filing Date	11/24/1999
0	JUL 2 5 2003 T)	First Named Inventor	TSUYOSHI MAEDA
1	Patent fees are subject to annual revision.	Examiner Name	James A. Dudek
ì	Applicant claims small entity status. See 37 CFR 1.27	Group / Art Unit	2871
1	TOTAL AMOUNT OF PAYMENT (\$) 174	Attorney Docket No.	9319S-000109

М	ETHOD OF PAYMENT (check all tha	it apply)				FEE C	ALCULATION (continued)	
			3. AD	DITIONA	L FEES			
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☐ Deposit Acco								
Deposit			Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Account	08-0750		1051	130	2051	65	Surcharge - late filing fee or oath	
Number			1052	50	2052	25	Surcharge - late provisional filiog fee	
D9				400	4050	400	or cover sheet.	
Deposit Account	Harness, Dickey & Pierce, P.L.C.		1053 1812	130 2.520	1053 1812	130 2,520	Non-English specification	
Name	,,,		1804	920*	1804	920*	For filing a request for reexamination Requesting publication of SIR prior to	[w]
The Commissio	ner is authorized to: (check all tha	at apply)	1,004	320	1004	320	Examiner action	13 17
Charge fee(s)	indicated below	erpayments	1805	1,840*	1805	1,840*	Requesting publication of SIR afte	
	dditional fee(s) during the pendency indicated below, except for the fil						Examiner action	20
	itified deposit account.	iing iee	1251	110	2251	55	Extension for reply within first month	
	FEE CALCULATION		1252	410	2252	205	Extension for reply within second month	J
1 PARICE	LING FEE		1253	930	2253	465	Extension for reply within third month	*
1. BASIC FI	Small Entity		1254	1,450	2254	725	Extension for reply within fourth	#
Fee Fee	Fee Fee Fee Description						month	
Code (\$)	Code (\$)	Fee Paid	1255	1,970	2255	985	Extension for reply within fifth month	
1001 750	2001 375 Utility filing fee		1401	320	2401	160	Notice of Appeal	
1002 330	2002 165 Design filing fee		1402	320	2402	160	Filing a brief in support of an appeal	
1003 520	2003 260 Plant filing fee		1403	280	2403	140	Request for oral hearing	<u> </u>
1004 750	2004 375 Reissue filing fee	<u> </u>	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1005 160	2005 80 Provisional filling fee	e	1452	110	2452	55	Petition to revive – unavoidable	
	SUBTOTAL (1)	(\$) 0	1453	1,300	2453	650	Petition to revive - unintentional	
			1501	1,300	2501	650	Utility issue fee (or reissue)	
2. EXTRA CLAI			1502	470	2502	235	Design issue fee	
	Extra Fee Claims belo	from Fee	1503	630	2503	315	Plant issue fee	
Total Claims 34			1460	130	1460	130	Petitions to the Commissioner	
ndependent 4	-3" = 1 X 84		1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
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Multiple	x	= 0]				Recording each patent assignment	
Dependent			8021	40	8021	40	per property (times number of	
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1202 18	2202 9 Claims in exces	ss of 20	1810	750	2810	375	For each additional invention to be	I
1201 84	2201 42 Independent cla	aims in excess of 3	- 1				examined (37 CFR § 1.129(b))	
1203 280	2203 140 Multiple depend	dent claim, if not paid	1 1801	750	2801	375	Request for Continued Examination (RCE)	
1204 84		ependent claims over		900	1802	900	• • •	├
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**or number pre	viously paid, if greater; For Reissue	es, see above					<u>. · · ·</u>	

SUBMITTED BY				Co	omplete (if applicable)
	G. Gregory Schivley	- 1	27,382		
Name (Print/Type)	Bryant E. Walder	gistration No. Attorney/Agent)	40,344	Telephone	(248) 641-1600
Signature	(All)	Male		Date	July 2/ 2003



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

opplication No.:

09/424,627~

Filing Date:

November 24, 1999

Applicant:

TSUYOSHI MAEDA

Group Art Unit:

2871

Examiner:

JAMES A DUDEK

Title:

DEVICE LIQUID CRYSTAL

AND

ELECTRONIC

Attorney Docket:

9319S-000109

APPARATUS

Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

TECHNOL GAY CENTER 2800

AMENDMENT

Sir:

In response to the Office Action mailed April 21, 2003, please amend the application as follows and consider the remarks set forth below.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 12 of this paper.

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